



**Associate in Applied Science Degree  
Civil Engineering Technology  
Curriculum Guide Sheet**

Name:	
email:	ID:
Advisor:	Ph:

**YEAR 1 - FALL**

	COURSE	CREDITS	GRADE
CONM 116	Construction Graphics (C-in MATH 110 or 19 ACT)	2	_____
CONM 121	Materials Properties & Testing (C-in MATH 110 or 19 ACT)	3	_____
ISYS 105	Intro to Microcomputer Systems	3	_____
ENGL 150	English 1	3	_____
MATH 115	Intermediate Algebra (C-in MATH 110 or 19 ACT)	3	_____
CONM 100	Freshman Seminar	1	_____
<b>Total Semester Credits</b>		<b>15</b>	_____

**YEAR 1 - SPRING SEMESTER**

	COURSE	CREDITS	GRADE
CONM 111	Construction Practices (CONM 116; MATH 115)	3	_____
CONM 112	Plans & Specifications (CONM 116; MATH 115)	3	_____
ENGL 211	Industrial and Career Writing (ENGL 150)	3	_____
MATH 120	Trigonometry (MATH 115)	3	_____
	Cultural Enrichment	3	_____
<b>Total Semester Credits</b>		<b>15</b>	_____

**YEAR 2 - FALL SEMESTER**

	COURSE	CREDITS	GRADE
CETM 214	Adv. Materials Properties & Testing (CONM 121; MATH 120)	3	_____
CETM 215	Pavement Design & Construction (MATH 115; CONM 121)	3	_____
CETM 230	mdot Certification Preparation (Optional) (CONM121;CETM213 coreq)	1	_____
CONM 122	Construction Surveying & Layout (MATH 116 or 120 with a C- or better)	3	_____
CONM 211	Construction Quantity Estimating (CONM 116, 111, 112 or ARCH 101, 102, 115; MATH 120 or 126)	3	_____
PHYS 211	Introductory Physics	4	_____
<b>Total Semester Credits</b>		<b>17</b>	_____

Graduation Application Submitted

**YEAR 2 - SPRING SEMESTER**

	COURSE	CREDITS	GRADE
CETM 226	Highway Technology (CONM 122; ISYS 105)	3	_____
CETM 327	Hydraulics & Hydrology (PHYS 211 co-req;MATH120)	3	_____
CONM 212	Soils & Foundations (CONM 121 or ARCH 112; MATH 120 or 126)	3	_____
CONM 221	Statics & Structures (PHYS 211 co-req;MATH120)	3	_____
CONM 222	Construction Administration (CONM 116, 111, 112 or ARCH 101, 102, 115; MATH 120 or 126)	3	_____
	Social Awareness	3	_____
<b>Total Semester Credits</b>		<b>18</b>	_____

Notes:


**Apply for Entry into the Bachelor of Science Degree in Construction Management**

Entry to the BS in Construction Management program requires successful completion of MATH 120 or MATH 126 with a C- or high passed PHYS 211, completed all CONM 100 and 200 level courses and have a minimum overall GPA of 2.50.



## Associate in Applied Science Degree Civil Engineering Technology Graduation Requirements

								Code	Institution List	Crs		
Name:									Ferris State University	64		
email:				ID:				1				
Advisor:				Ph:				2				
								3				
								School	Notes			
<u>Major</u>								Cr	Grade	Pts.	Sem	Year
CETM	214	Adv. Materials Properties & Testing				3						
CETM	215	Pavement Design & Construction				3						
CETM	226	Highway Technology				3						
CETM	230	mdot Certification Preparation (Optional)				1						
CETM	327	Hydraulics & Hydrology				3						
CONM	111	Construction Practices				3						
CONM	112	Plans & Specifications				3						
CONM	116	Construction Graphics				2						
CONM	121	Materials Properties & Testing				3						
CONM	122	Construction Surveying & Layout				3						
CONM	211	Construction Quantity Estimating				3						
CONM	212	Soils & Foundations				3						
CONM	221	Statics & Structures				3						
CONM	222	Construction Administration				3						
<u>Technical (Outside Major)</u>												
ISYS	105	Intro to Microcomputer Systems				3						
<u>Communication Competence</u>												
ENGL	150	English 1				3						
ENGL	211	Industrial and Career Writing				3						
<u>Quantitative Skills</u>												
MATH	115	Intermediate Algebra				3						
MATH	120	Trigonometry				3						
<u>Scientific Understanding</u>												
PHYS	211	Introductory Physics				4						
<u>Cultural Enrichment</u>												
		Cultural Enrichment				3					<input type="checkbox"/> Global <input type="checkbox"/> REG	
<u>Social Awareness</u>												
		Social Awareness				3					<input type="checkbox"/> Global <input type="checkbox"/> REG <input type="checkbox"/> SF	
<u>Freshman Seminar</u>												
CONM	100	Freshman Seminar				1						
<u>Unofficial Performance Stats</u>												
Major: Total Crs / Earned Crs / Honor Points					39							
Degree: Total Crs / Earned Crs / Honor Points					65							
GPA Major:												
GPA Degree:												

**AAS Minimum General Education Requirements:**  
 Cultural Enrichment (CE) – 3 credits; Social Awareness (SA) - 3 credits;  
 Communications - 6 credits; Scientific Understanding - 3/4 credits;  
 Reference: [http://www.ferris.edu/htmls/academics/gened/gen\\_edspecific.html](http://www.ferris.edu/htmls/academics/gened/gen_edspecific.html)